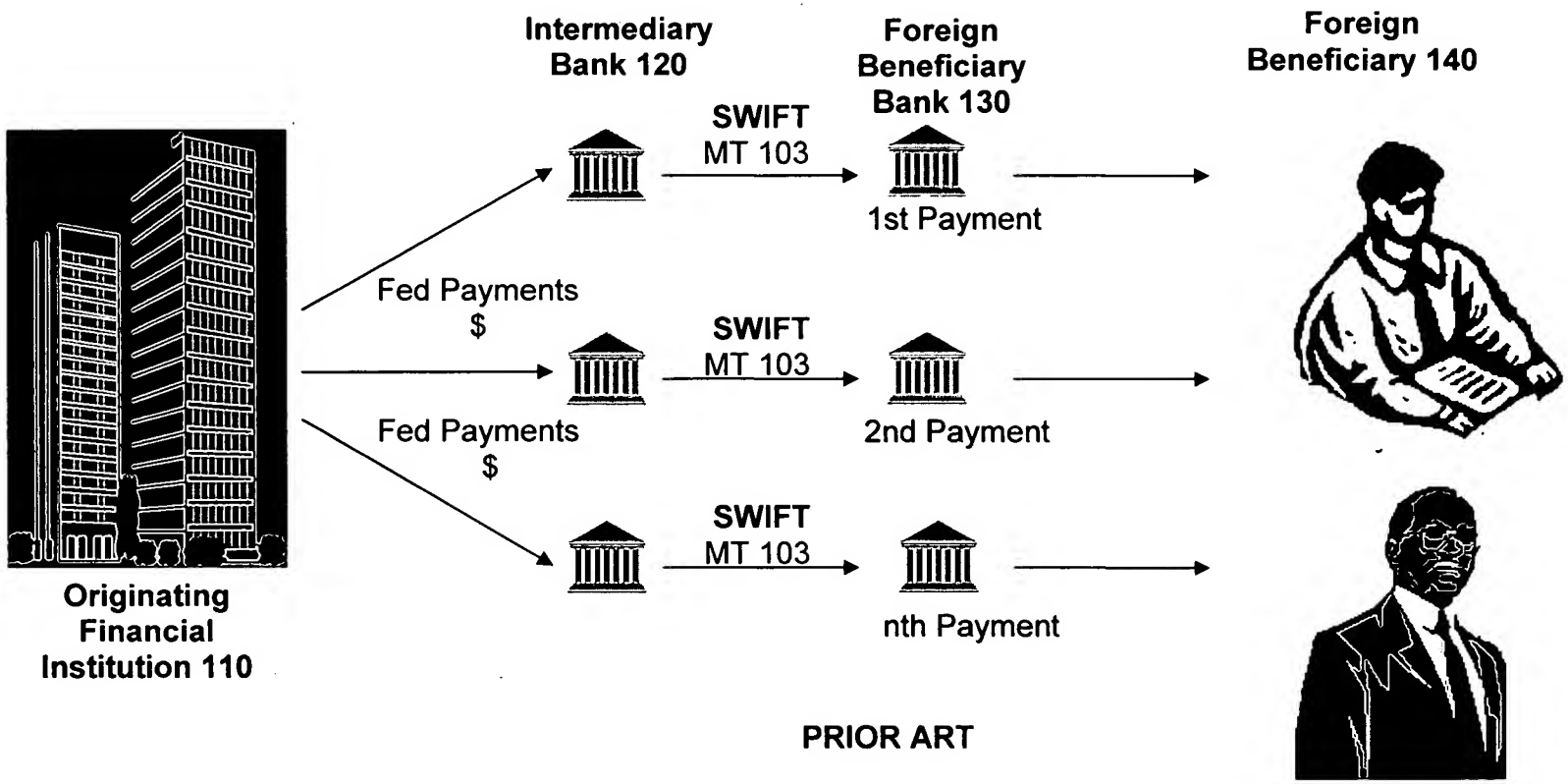
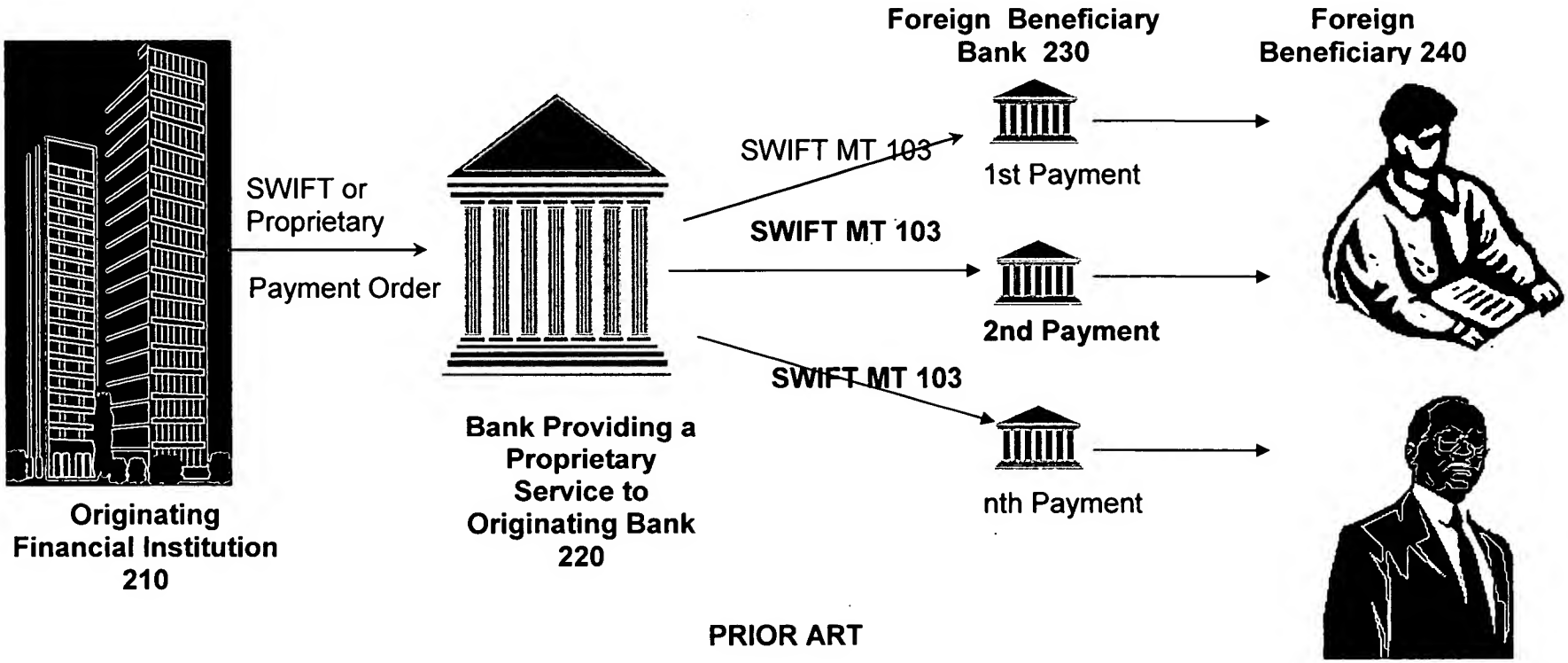


PRIOR ART

FIGURE 1



PRIOR ART

FIGURE 2

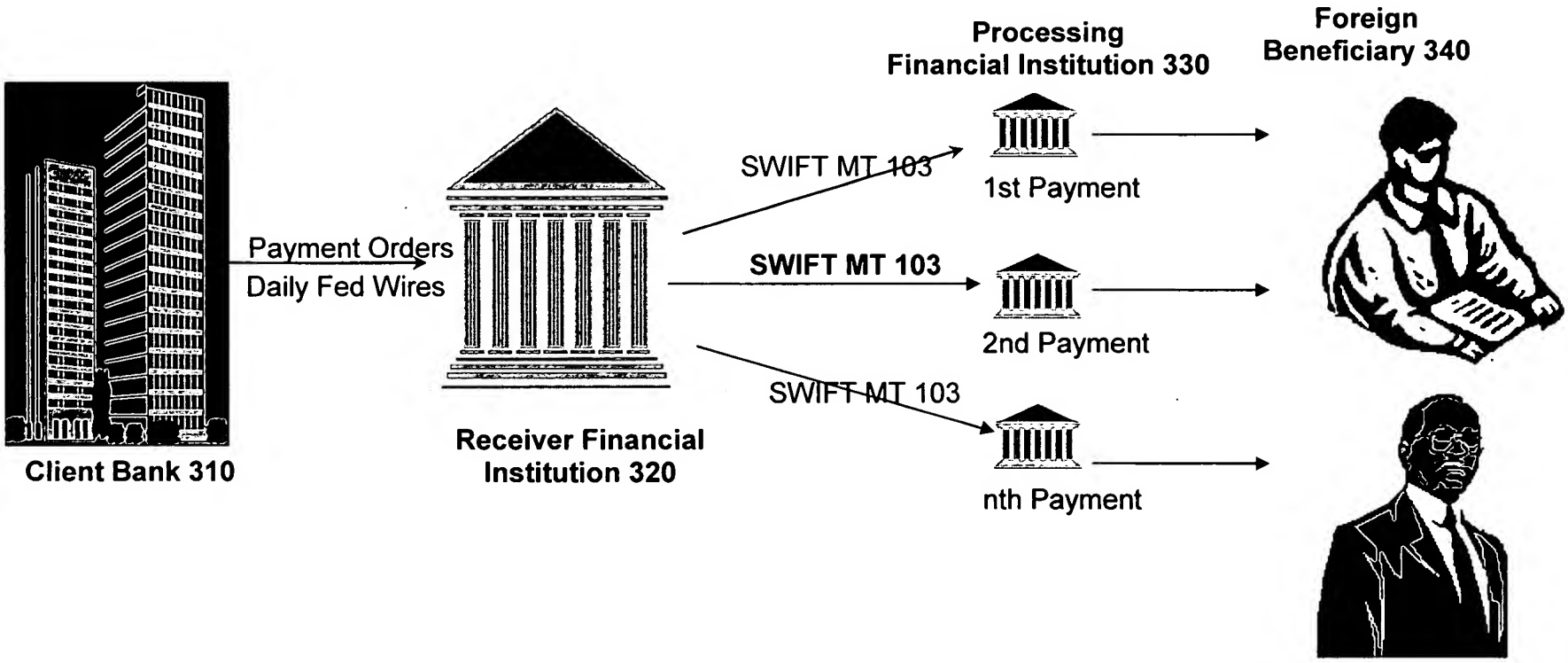

Processing
Financial Institution 330
Foreign
Beneficiary 340
SWIFT MT 103
1st Payment
Payment Orders
Daily Fed Wires
SWIFT MT 103
2nd Payment
SWIFT MT 103
nth Payment
Client Bank 310
Receiver Financial
Institution 320

FIGURE 3

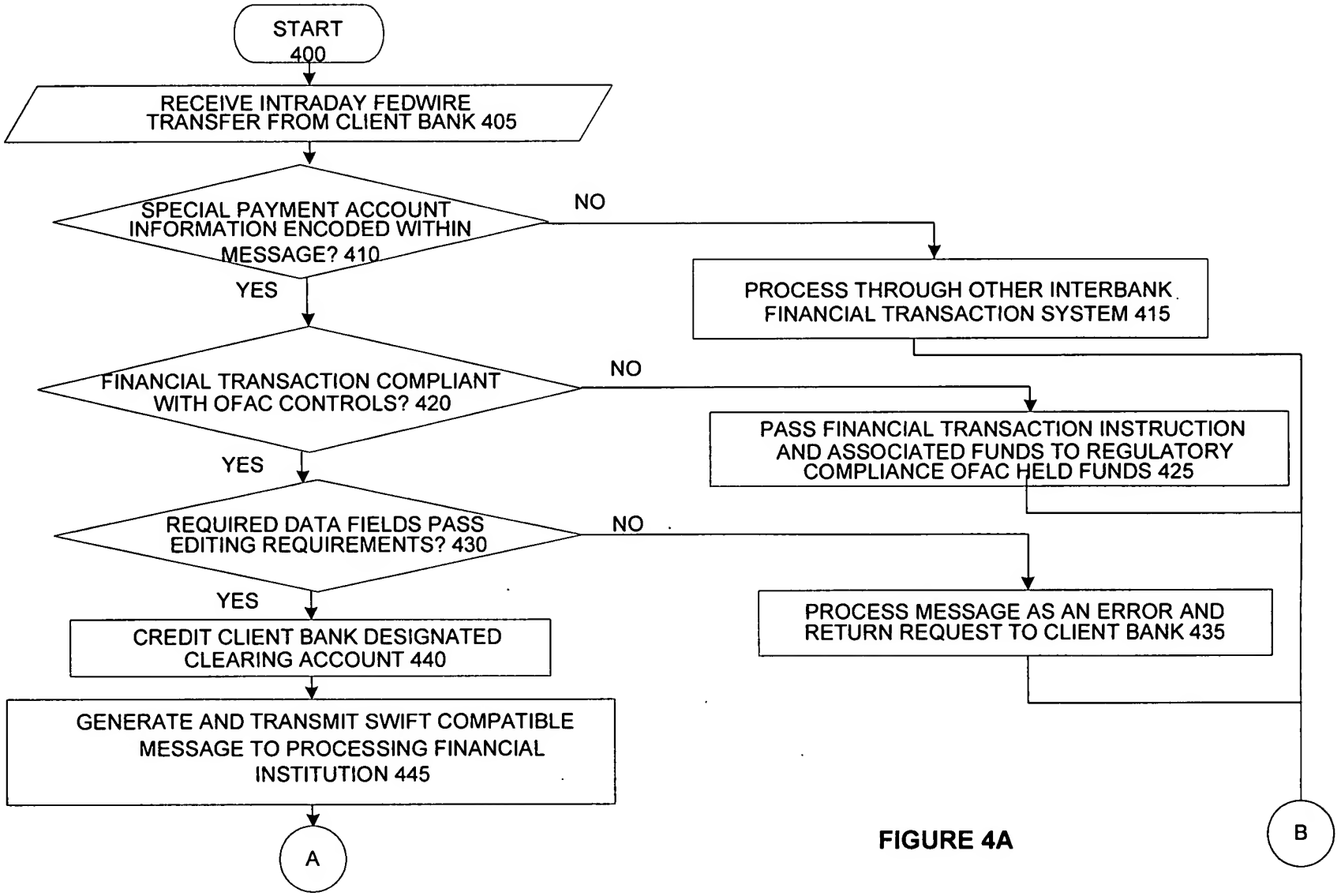

START
400
RECEIVE INTRADAY FEDWIRE TRANSFER FROM CLIENT BANK 405
SPECIAL PAYMENT ACCOUNT INFORMATION ENCODED WITHIN MESSAGE? 410
NO
YES
PROCESS THROUGH OTHER INTERBANK FINANCIAL TRANSACTION SYSTEM 415
FINANCIAL TRANSACTION COMPLIANT WITH OFAC CONTROLS? 420
NO
YES
PASS FINANCIAL TRANSACTION INSTRUCTION AND ASSOCIATED FUNDS TO REGULATORY COMPLIANCE OFAC HELD FUNDS 425
REQUIRED DATA FIELDS PASS EDITING REQUIREMENTS? 430
NO
YES
PROCESS MESSAGE AS AN ERROR AND RETURN REQUEST TO CLIENT BANK 435
CREDIT CLIENT BANK DESIGNATED CLEARING ACCOUNT 440
GENERATE AND TRANSMIT SWIFT COMPATIBLE MESSAGE TO PROCESSING FINANCIAL INSTITUTION 445
A
B

FIGURE 4A

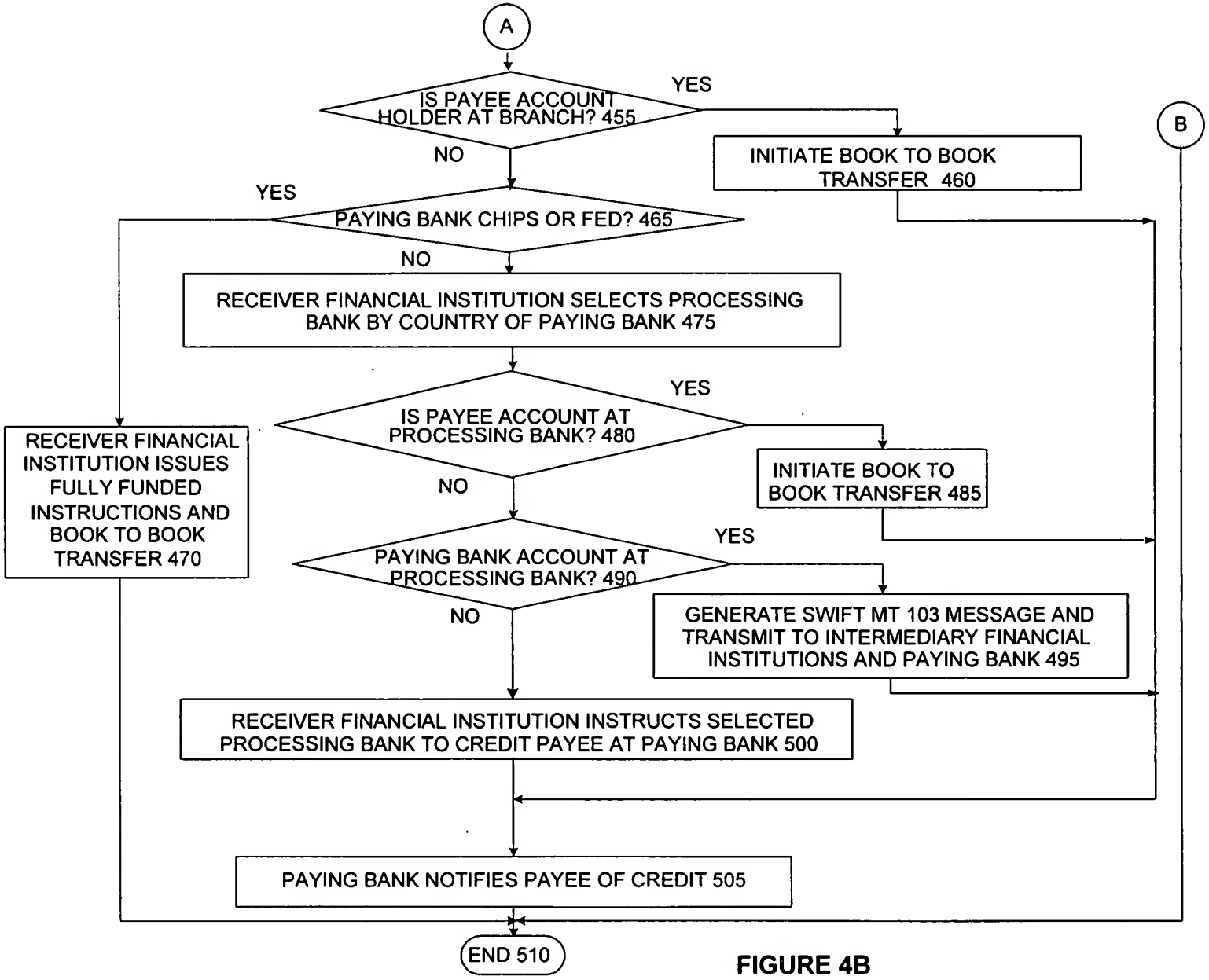

A
IS PAYEE ACCOUNT HOLDER AT BRANCH? 455
YES
NO
INITIATE BOOK TO BOOK TRANSFER 460
B
YES
PAYING BANK CHIPS OR FED? 465
NO
RECEIVER FINANCIAL INSTITUTION SELECTS PROCESSING BANK BY COUNTRY OF PAYING BANK 475
YES
IS PAYEE ACCOUNT AT PROCESSING BANK? 480
RECEIVER FINANCIAL INSTITUTION ISSUES FULLY FUNDED INSTRUCTIONS AND BOOK TO BOOK TRANSFER 470
INITIATE BOOK TO BOOK TRANSFER 485
NO
YES
PAYING BANK ACCOUNT AT PROCESSING BANK? 490
NO
GENERATE SWIFT MT 103 MESSAGE AND TRANSMIT TO INTERMEDIARY FINANCIAL INSTITUTIONS AND PAYING BANK 495
RECEIVER FINANCIAL INSTITUTION INSTRUCTS SELECTED PROCESSING BANK TO CREDIT PAYEE AT PAYING BANK 500
PAYING BANK NOTIFIES PAYEE OF CREDIT 505
END 510

FIGURE 4B

FIELD DESCRIPTION	FIELD TAG	DATA
TYPE CODE	1510	1000
AMOUNT	2000	(AMOUNT OF THE TRANSACTION)
SENDER ABA/NAME	3100	(YOUR ABA)
		(YOUR TELEGRAPHIC SHORTNAME)
SENDER REFERENCE	3320	(YOUR REFERENCE)
RECEIVER ABA/NAME	3400	021000018
		BK OF NYC
BUSINESS FUNCTION CODE	3600	CTR
INTERMEDIARY FINANCIAL INSTITUTION	4000	(See Below)
Id code		D
Id Identifier		8900000000
Id Name		(Your Bank's Name)
Id address		(Your Address)
Id address		(Your Address)
Id address		(Your Address)
BENEFICIARY'S FINANCIAL INSTITUTION	4100	(See Below)
Id code		(E.G.: B)
Id Identifier		(E.G.: CTBAAU2S)
Id Name		(Bene Bank's Name:IE Commonwealth BK of Australia)
Id address		(Bene Bank's Address: E.G.: Sydney)
Id address		(Bene Bank's Address)
Id address		(Bene Bank's Address)
BENEFICIARY	4200	(See Below)
Id code		(D)
Id Identifier		1234567890
Id Name		(Beneficiary's name.)
Id address		(Beneficiary's address.)
Id address		(Beneficiary's address.)
Id address		(Beneficiary's address.)
ORIGINATOR	5000	(See Below)
Id code		D
Id Identifier		1234567890
Id Name		(Ordering party's name)
Id address		(Ordering party's address)
Id address		(Ordering party's address)
Id address		(Ordering party's address)
ORIGINATOR'S FINANCIAL INSTITUTION	5100	(See Below)
Id code		D
Id Identifier		1234567890
Id Name		(Ordering Customer's Financial Institution's name)
Id address		(Ordering Customer's Financial Institution's address)
Id address		(Ordering Customer's Financial Institution's address)
Id address		(Ordering Customer's Financial Institution's address)
INSTRUCTING FINANCIAL INSTITUTION	5200	(See Below)
Id code		D
Id Identifier		1234567890
Id Name		(Instructing Institution's name)
Id address		(Instructing Institution's address)
Id address		(Instructing Institution's address)
Id address		(Instructing Institution's address)
ORIGINATOR TO BNF INFORMATION	6000	(E.G. : "FOR 1000 TONS OF WHEAT"
RECEIVER INFORMATION	6100	OUR, BEN, or /FULLPAY/
INFO FOR BENEFICIARY'S BANK	6300	(E.G.: PAY THRU YOUR GATEWAY BRANCH
BENE BANK ADVICE INFORMATION	6310	(E.G.: PHN)
BENEFICIARY ADVICE	6410	(E.G.: TLX)

TABLE 1

TAG	FIELD NAME
20	SENDER'S REFERENCE
13C	TIME INDICATION
23B	BANK OPERATION CODE
23E	INSTRUCTION CODE
26T	TRANSACTION TYPE CODE
32A	VALUE DATE/ CURRENCY/ INTERBANK SETTLED AMOUNT
33B	CURRENCY/INSTRUCTED AMOUNT
36	EXCHANGE RATE
50a	ORDERING CUSTOMER
51A	SENDING INSTITUTION
52a	ORDERING INSTITUTION
53a	SENDER'S CORRESPONDENT
54a	RECEIVER'S CORRESPONDENT
55a	THIRD REIMBURSEMENT INSTITUTION
56a	INTERMEDIARY INSTITUTION
57a	ACCOUNT WITH INSTITUTION
59a	BENEFICIARY CUSTOMER
70	REMITTANCE INFORMATION
71A	DETAILS OF CHARGES
71F	SENDER'S CHARGES
71G	RECEIVER'S CHARGES
72	SENDER TO RECEIVER INFORMATION
77B	REGULATORY REPORTING
77T	ENVELOPE CONTENTS

TABLE 2